APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Semiautomatic Welding of Flanges to Steel Tubes,
by L. M. Lyotovskiy. UNCL

RUSSIAN, per, Svarochnoye Proiz, No 7, 1955,
pp 16, 17.

British Iron and Steel Ind
(no number given)

Sci - Engr
Sep 59

98127

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Electrodes for the Welding of Chrome-Molybdenum Steel, by G. A. Ukolov.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 7, 1955, pp 25-26.

34,061

Brutcher Tr
No 3681

$1.85

Scientific - Min/Metals May 56 CTS/DEX

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Cooling of Thin Steel Sheets in Spot Welding,
by [illegible] A. Adasinskiy. UNCL

[illegible] por, Svarochn Proiz, No 8, 1955,
pp 6-8.

DSIR LLU RTS M.577

SLA [illegible])

(loan)

Def - Engr

107686

Feb 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

(DC-1746)

Automatic Acetylene Plant Station for Producing Acetylene in Solution, 3 pp. UNCLASSIFIED

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 8, Moscow, Aug 1955, pp 29, 30.

US JPRS/DC-L-264

Sci - Chemistry

63,426

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Butt Welding of Electrical Silicon Steel Sheet, by
N. S. Kabanov.

RUSSIAN, mo per, Svarochnoe Proiz, No 9, 1955,
pp 23-27.

Co-Op Trans Sch Tr 246

Sci - Engineering 43,435

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Structure of Weld Metal Studied by Autoradiography, by B. I. Bruk.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 11, 1955, pp 3-13.

Henry Brutcher Tr 3715

Sci - Minerlas/Metals, Electronics

May 1956 34,903 $5.60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding of Austenitic Chrome-Nickel Steels and Other Heat-Resisting Alloys, by E. P. L'vova.

RUSSIAN, Paper, Svarochnoe Proizvodstvo, ~~XXXXXX~~
No 11, 1955, pp 27-31.

37,419 Brutcher Tr 3712

Sci - ~~Engineering~~ Min/Metals

Aug 1956 $5.75

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Selection of the Basic Parameters for Condenser Butt-Welding, by N. S. Siunov, M. A. Sergeyev. UNCL

RUSSIAN, por, Svarochnoye Proiz, No 12, 1955, pp 4-6.

SLA 59-

BWRA Tr 19/59

British Welding Research Association
Abington Hall
Abington, Cambridge

106,683

Feb 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Methods of Evaluating the Brittle Fracture Susceptibility of Steel Used in Welded Storage Tanks, by A. S. Fal'kevich, L. S. Livshits, S. I. Panich, 6 pp.

RUSSIAN, mo per, Svarochnoe Proizvodstvo, No 12, 1955, pp 8-10.

CIA/FDD Z-250

39,506

Sci - Min/metals

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Die Auswahl der Schweissbarkeitsprufung fuer Konstruktionsstahl. (unpubl tr)

RUSSIAN to GERMAN, per, Svaroch Proiz, No 2, 1956, pp 6-13.

IDU 674
Institut fuer Dokumentation Ubersetzungs-nachweis
Berlin, W.8.
Unter den Linden 8

Arr 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Novozhilov, N. M.
AUTOMATIC UNDER-WATER WELDING IN AN OXIDIZING ATMOSPHERE. [1962] [7]p. 5 refs.
Order from OTS or SLA $1.10 62-20048

Trans. of Svarochnoe Proizvodstvo (USSR) 1956, no. 2, p. 13-15.

DESCRIPTORS: *Welding, *Underwater, Automatic, Atmosphere, Oxygen.

A method for the automatic under-water welding in a strongly oxidizing protective atmosphere consisting of $CO_2$ or mixtures of oxygen with $CO_2$ or inert gases, has been described. In under-water welding, the increased oxidizing power of the protective atmosphere (more than 10 to 15 per cent oxygen) is a useful and necessary property for suppressing the harmful effect of hydrogen and for obtaining sound weld metal.
(Metallurgy, TT, v. 9, no. 9) (over)

62-20048

I. Novozhilov, N. M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Attainability of Equilibrium in Welding,
Studied With Radio-Isotopes, by B. I. Bruk.

RUSSIAN, per, Svar Proiz, No 3, 1956, pp 1-4.

Language Sv Bu

Sci - Chem

Nov 60

131, 307

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Fundamental Correlations Concerning the Transfer of Alloying Elements From Electrode Into Weld in the Arc Welding and Facing of Steel, by A. A. Erokhin.

RUSSIAN, per, Svarochnoy Proiz, No 4, 1956, pp 4-12.

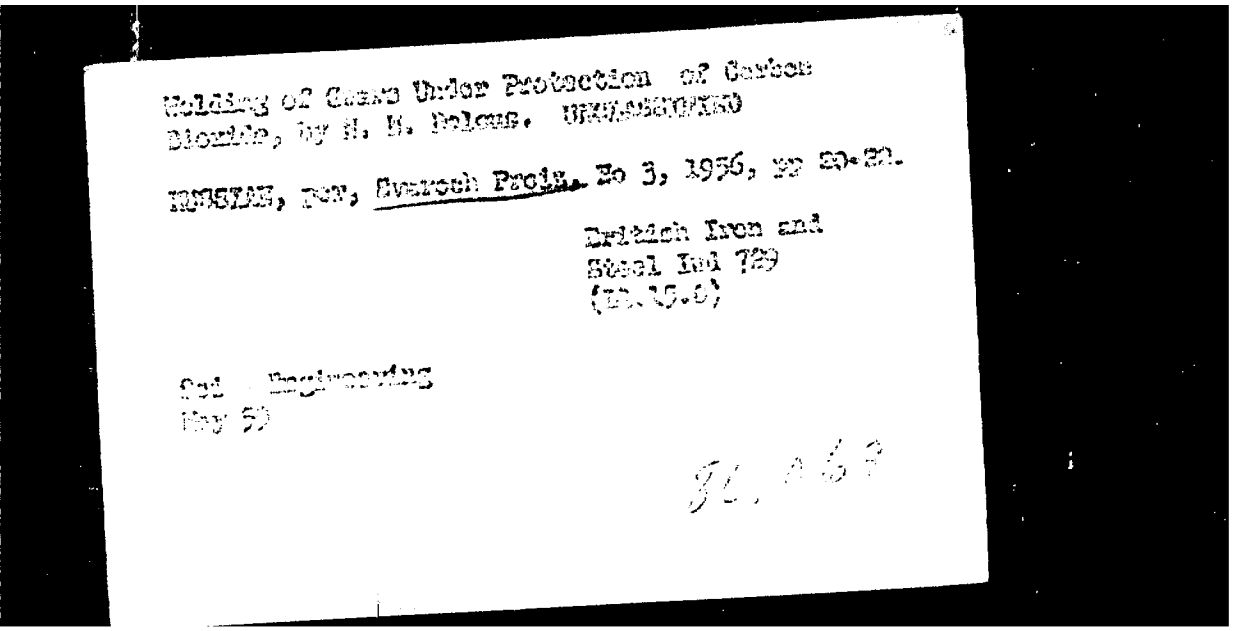
HB 3823

Sci - Min/Met

Oct 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Welding of Cast Iron Under Protection of Carbon Dioxide, by N. N. Dolgov. Mekhanizatsiya

ROMSAK, Ye.V., Svarochn. Proiz., No 3, 1956, pp 29-31.

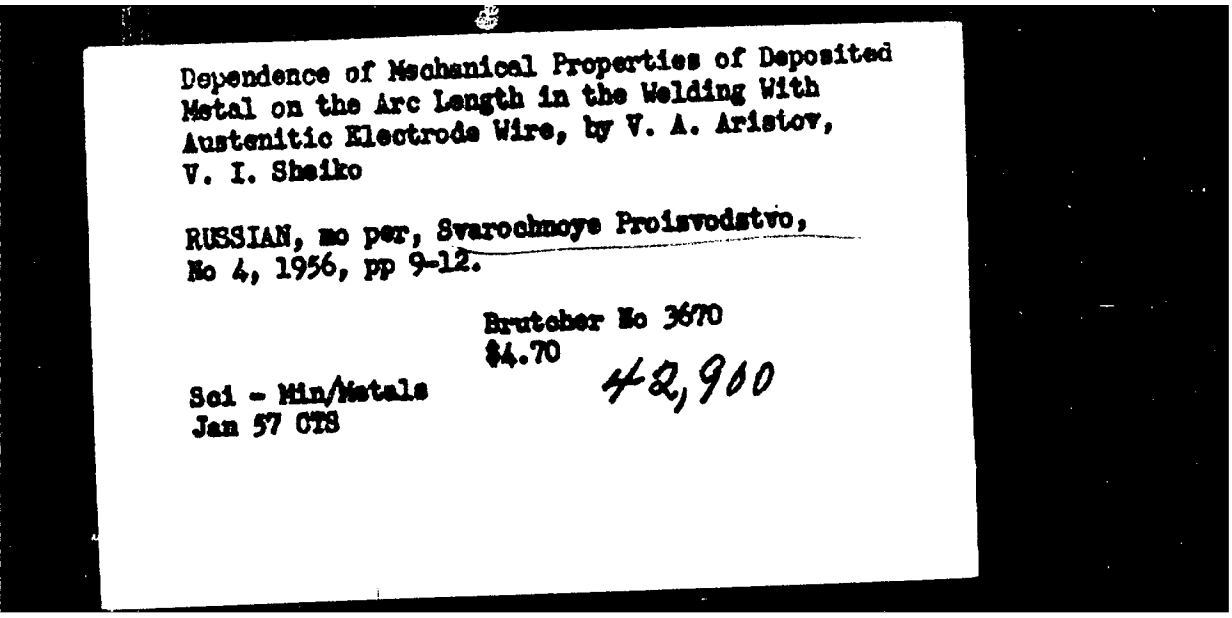
British Iron and Steel Inst 729 (12.10.6)

Gas Engineering (May 57)

GL, A&T

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Dependence of Mechanical Properties of Deposited Metal on the Arc Length in the Welding With Austenitic Electrode Wire, by V. A. Aristov, V. I. Sheiko

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 4, 1956, pp 9-12.

Brutcher No 3670
$4.70

42,900

Sci - Min/Metals
Jan 57 OTS

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding of Gears Under Protection of Carbon Dioxide, UNCLASSIFIED

RUSSIAN, per, Svarochnoye Proizvodstvo, No 3, 1956, pp 20-22.

Co-op Tr Scheme
Tr 729

Sci - Eng
Jul 58

67673

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Technology of Arc Welding of Light-Gage Sheet Steel in a Carbon-Dioxide Atmosphere, by F. E. Tret'yakov, et al.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 5, May 1956, pp 20-22.

Henry Brutcher
Tr No 3779
$4.75 45,134

Sci - Engineering; Min/Metals
Mar 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Fatigue Strength of Steel Plates With Welded-on Inserts, by I. V. Kudryavtsev, N. A. Balabanov.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 6, Jun 1956, pp 1-5.

Henry Brutcher Tr No 3894
$4.90

47,045

Sci - Min/Metals
Apr 1957 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

THE PROBLEM OF THE STRENGTH OF METALS WHILST SOLIDIFYING DURING WELDING, BY N. N. PROKHOROV.

RUSSIAN, PER, SVAROCHNOE PROIZ, NO 6, 1956, PP 5-11.

NLL RTS 2062

SCI - M/M

OCT 62

214,802

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Torsion Testing of Spot Welds, by B. D. Orlov, P. L. Chuloshnikov.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 6, Jun 1956, pp 20, 21.

Henry Brutcher
Tr 3895
$2.75

Sci - Min/Metals, metallurgy
Aug 57

50,727

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Torsional Test of Welded Spots, by B. B. Orlov, P. I. Chulochnikov

RUSSIAN, Tor, Svarochnoye Proizvodstva, No. 6, 1956, pp 20-21.

*FTD-MT-62-76

Sci/Lngr
Dec 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Verchenko, V. R., Petrov, A. V., and Baranov, M. I.

[AUTOMATIC WELDING OF FIXED POSITION PIPE FITTINGS (Avtomaticheskaya Svarka Nepovorotnykh Stykov Trub)]. [1962] [14]p.
Order from OTS or SLA $1.60 62-20133

Trans. of Svarochnoe Proizvodstvo (USSR) 1956, no. 6, p. 22-26.
A trans. in Spanish is available from OTS or ETC $1.55 as 62-26265, CID 62-65, 22p.

DESCRIPTORS: *Pipe fittings, *Welding, Automatic.

(Metallurgy, TT, v. 9, no. 11)

62-20133

I. Verchenko, V. R.
II. Petrov, A. V.
III. Baranov, M. I.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Automatic Argonarc Welding of Stainless Steels With Consumable Electrodes in Various Positions, by A. N. Akulov, N. Yu. Pal'chuk.

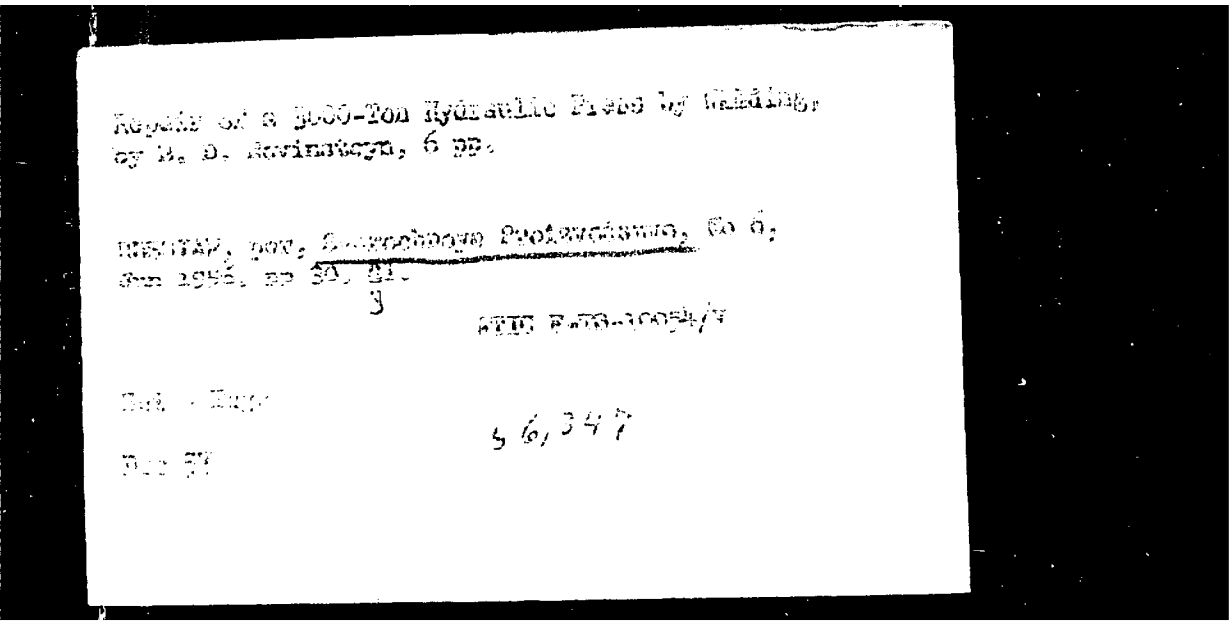
RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 6, Jun 1956, pp 27-29.

Henry Brutcher
Tr 3906
$3.90

Sci - Min/Metals,metallurgy 50,732
Aug 57

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Report on a 3000-Ton Hydraulic Press by Welding
by M. D. Ravinskaya, 6 pp.

Vestn. Mash. Stroyeniya, No 6,
Jun 1954, pp 50, 51.

STIC P-TR-100547/V

Bul. Biol.

56,347

Bio 37

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Novozhilov, N. M. and Sokolova, A. M.
$CO_2$-SHIELDED SPOT WELDING. [1962] 10p. 4 refs.
Order from OTS or SLA $1.10 62-20021

Trans. of Svarochnoe Proizvodstvo (USSR) 1956 [no. 7] p. 10-13.

DESCRIPTORS: *Spot welding, *Carbon dioxide, Fluxes (Fusion), Joints.

The spot welds made with this method have, compared to similar welds made with the submerged arc process, a more desirable shape as far as depth of fusion and weld reinforcement is concerned. With the $CO_2$-shielded spot welding process sheets of greater thickness can be spot welded than with the flux process. The strength of $CO_2$-shielded spot welds is no way inferior to that of flux-shielded spot welds. (Author)

(Metallurgy, TT, v. 9, no. 12)

62-20021

I. Novozhilov, N. M.
II. Sokolova, A. M.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Comparitive Effectiveness of Weld Inspection With Various Radioisotopes, by A. S. Fal'kevich, I. E. Neifel'd.

RUSSIAN, per, Svaroch Proiz, No 9, 1956, pp 23, 24.

HB 4492

Sci - Engr

116,547

May 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Savchenkol, V. A.
[THE MEANS OF COMBATTING THE POROSITY AND THE FORMATION OF WELD CRACKING ENCOUNTERED IN FLUX-SHIELDED AUTOMATIC ALUMINUM WELDING] (Bor'ba s Porami i Goryachimi Treshchinami pri Avtomaticheskoi Svarke Alyuminiya). [1962] [14]p. 6 refs.
Order from OTS or SLA $1.60 62-20132

Trans. of Svarochnoe Proizvodstvo (USSR) 1956, no. 10 [p. 9-13].

DESCRIPTORS: *Aluminum, *Welding, Welding fluxes, *Welds, Fracture (Mechanics), Porosity.

The mechanical properties of aluminum joints made by flux-shielded automatic welding are not different from those made by gas welding, manual arc welding, and automatic argon-shielded arc welding. The principal
(Metallurgy, TT. v. 10, no. 1) (over)

62-20132

I. Savchenkol, V. A.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Properties of Welds Made Under Argon and Carbon Dioxide, by E. M. Eskin, E. P. Pogozhin, N. M. Novoshilov.

RUSSIAN, mo per, Svarochnoye Proizvodstvo, No 1, Jan 1957, pp 15-17.

Henry Brutcher Tr 3947
$4.90

Sci - Min/Metals, Chem
Aug 57

50,650

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Pashkov, I. V. and Lyulenkov, G. G.
FIRST APPLICATIONS OF ALUMINUM SUBMERGED ARC WELDING. [1962] [7]p.
Order from OTS or SLA $1.10 62-20043

Trans. of Svarochnoe Proizvodstvo (USSR) 1957 [no. 1] p. 18-20.

DESCRIPTORS: *Arc welding, *Aluminum, Welded joints, Welding fluxes.

(Metallurgy, TT, v. 9, no. 7)

62-20043

I. Pashkov, I. V.
II. Lyulenkov, G. G.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

X-Ray Inspection of Spot-Weld Assemblies of High-Strength Aluminium Alloys, by B. D. Orlov, et al.

RUSSIAN, per., Svarochnoy Proiz, No 1, 1957, pp 20-24.

MIL/MIS 1977

Sci - Min/Met

Apr 62

193,824

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Stability of Electroslag Welding as Depending on Properties of Flux, by Yu. M. Go'al'skiy.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 3, 1957, pp 1-3.

4426
Henry Brutcher
$5.85

Sci - Engr

Jan 59

79,596

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Strength of Spot and Roller Welded BT1 & Titanium Joints, by B. D. Orlov, 6 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 5, 1957, pp 19-22.

CIA/FDD X-3037

Sci - Minerals/Metals
Aug 58

79,978

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Strength of BT1-A Titanium and Its Welded Joints at Various Temperatures, by M. A. El'yasheva, F. E. Tret'yakov, 5 pp.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 5, 1957. pp 22-24.

CIA/FDD X-3033

Sci - Chemistry
Aug 58

73,984

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Investigation of Weldability and Technology of Welding of Rolled Electroplated Steel, by E. M. Kuzmak, N.P. Karmazinov.

RUSSIAN to GERMAN, per, Svarochnoye Proiz, No 7, 1957, pp 5-9.

ID-U 709

Institut fuer Dokumentation-
Uebersetsungsnachweis
Berlin, W 8
Unter den Linden 8

Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Improvement of Quality of Weld Metal, by A. A. Alov, V. S. Vinogradov.

RUSSIAN, per, Svarochnoe Proiz, No 7, Jul 1957, pp 9-10.

Brutcher Tr 4116
$2.75

Sci - Electronics

Sep 58

72,593

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Anlage fuer die Automatische Laengsnahtschweissung Duennwandiger Rohre, by A. W. Meier. (unpubl tr)

RUSSIAN to GERMAN, per, Svaroch Proiz, No 7, 1957, pp 28, 29.

IDU 696
Institut fuer Dokumentation
Uebersetzungsnachweis
Berlin, W 8
Unter den Linden 8

Apr 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Arch Welding With Various Shielding Gases, by A. V. Petrov.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 8, 1957, pp 6&10.

Brutcher Tr 4115
~~$3x00x~~ $5.80

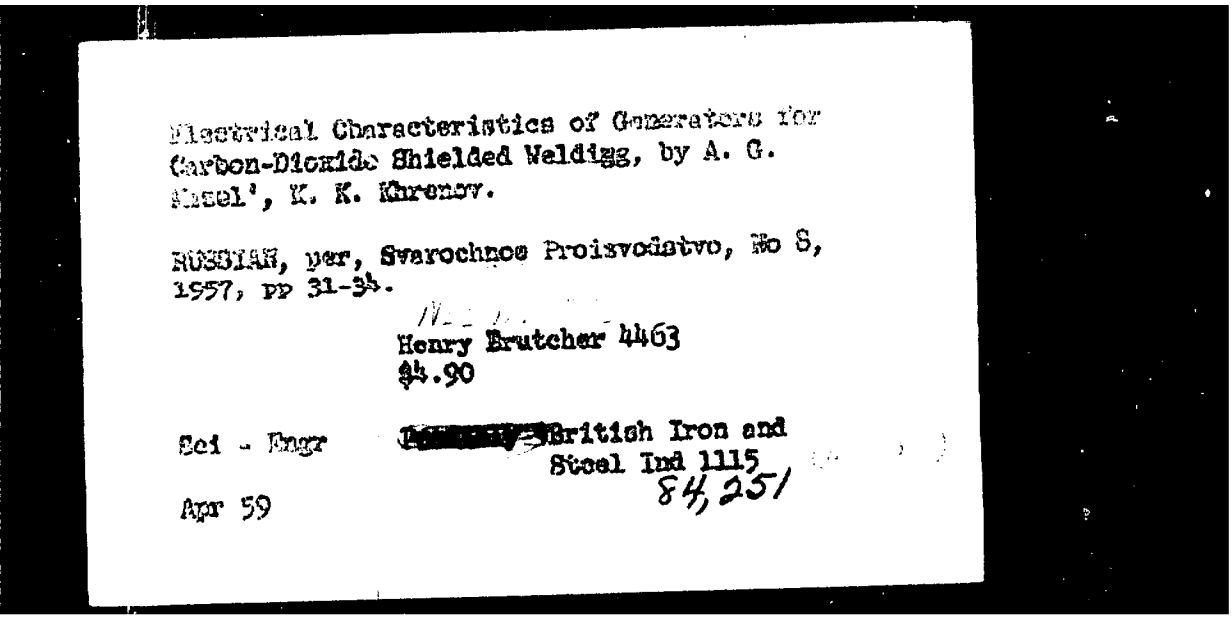
Sci - Engr

Jun 58

65,728

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Electrical Characteristics of Generators for Carbon-Dioxide Shielded Welding, by A. G. Aksel', K. K. Khrenov.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 8, 1957, pp 31-34.

Henry Brutcher 4463
$4.90

Sci - Engr [redacted] British Iron and Steel Inst 1115
84,251

Apr 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding of Metals by Friction, by V. I. Vill'.

RUSSIAN, per, Svarochnoe Proizvodstvo, [illegible]
1957, No 9, pp 19-23.

Brutcher 4502

Sci - Min/Met

Jun 59

90,038

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The MST-1 Machine for Friction Butt Welding, by M. M. Shpeizman.

RUSSIAN, per, Svaroch Proiz, No 9, 1957, pp 23, 24.

HB 4937

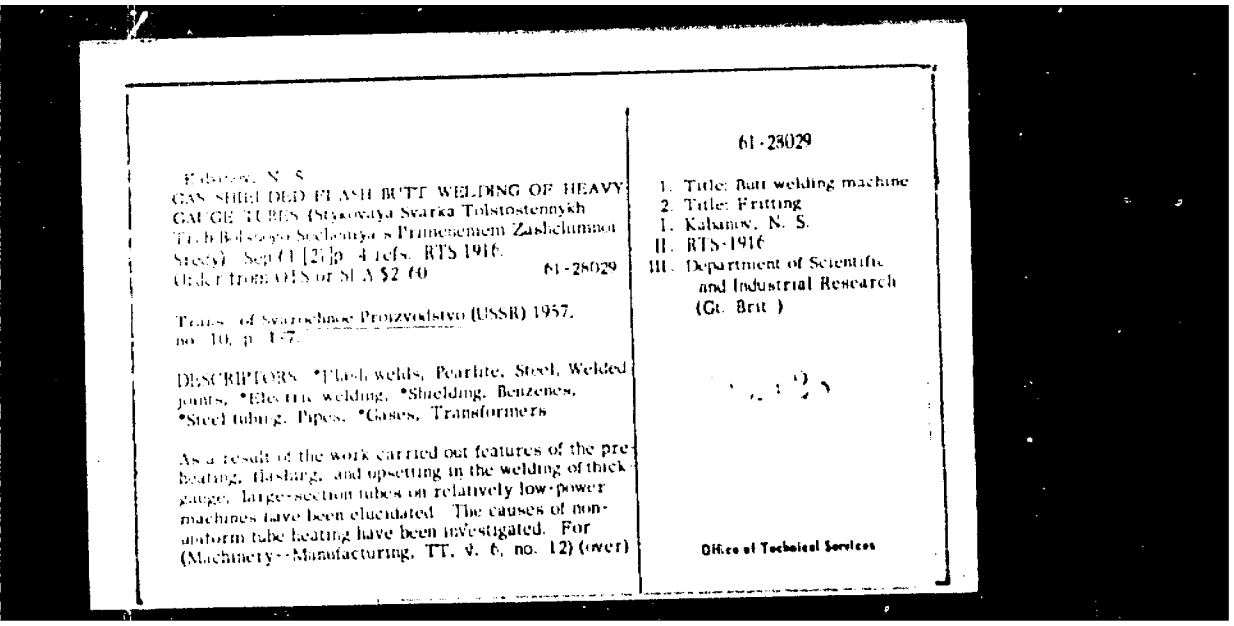
Sci - Engr

Apr 61

147,427

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Fabrikov, N. S.
GAS SHIELDED FLASH BUTT WELDING OF HEAVY-GAUGE TUBES (Svarka Tolstostennykh Trub Bolshogo Secheniya s Primeneniem Zashchitnoi Sredy) Sept 61 [2]p 4 refs RTS 1916
Order from OTS or SLA $2.00 61-28029

Trans of Svarochnoe Proizvodstvo (USSR) 1957, no 10, p 1-7.

DESCRIPTORS: *Flash welds, Pearlite, Steel, Welded joints, *Electric welding, *Shielding, Benzenes, *Steel tubing, Pipes, *Gases, Transformers

As a result of the work carried out features of the pre-heating, flashing, and upsetting in the welding of thick gauge, large-section tubes on relatively low-power machines have been elucidated. The causes of non-uniform tube heating have been investigated. For (Machinery--Manufacturing, TT, v. 6, no. 12) (over)

61-28029

1. Title: Butt welding machine
2. Title: Fitting
I. Kalanov, N. S.
II. RTS-1916
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Prevention of Cracking in the Welding of AMTs Aluminium Alloy, by N. D. Portnoi, N. G. Heinrichsdorf. UNCL

RUSSIAN, per, Svaroch Proiz, No 10, 1957, pp 16-18.

BWRA Tr 16/59
British Welding Research Assoc
Abington Hall
Abington, Cambridge

Feb 60

106,714

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Automatic Welding in Carbon-Dioxide Gas of Fixed Joints of Low Carbon Pipes, by A. I. Akulov.

RUSSIAN to GERMAN, per, Svaroch Proiz, No 10, 1957, pp 25-29.

ID-U 681

Institut fuer Dokumentation-
Uebersetzungsnachweis
Berlin, W.8
Unter den Linden 8

Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Resistance Butt Welding of Tubes in a Shield of Nitrogen, by N. S. Rabanov.
[redacted]

RUSSIAN, per, Svarochnoy Proizv, No 12, 1957, pp 30-31.

NLL/NTS 1912

Scl - Min/Met

193,825

Apr 62

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Rykalin, N. N. and Pugin, A. I.
CALCUL DU CHAUFFAGE ET DU REFROIDISSEMENT DE BARRES SOUDÉES EN BOUT PAR RESISTANCE [Raschet Nagreva i Okhlazhdeniya Sterzhnei pri Svarke Vstyk Soprotivleniyem] [Calculation of Heating and Cooling of Rods in Butt Resistance Welding] tr. by B. de Trezvinsky. 10 June 61 [18]p. CEA Trans. no. R-1358. Order from OTS or SLA $1.60 62-13799

Resume trans. in French of Svarochnoe Proizvodstvo (USSR) 1958, no. 1 [p. 1-6].

DESCRIPTORS: Measurement, *Heating, *Cooling, *Welding, Rods, Heat production.

(Physics -Thermodynamics, TT, v. 8, no. 9)

62-13799

I. Rykalin, N. N.
II. Pugin, A. I.
III. CEA-tr-R1358
IV. Commissariat à l'Énergie Atomique (France)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Determination of the Rate Value of a Defect in a Weld Joint by X-Ray Photography, by K. G. Goryacheva. UNCL

RUSSIAN, per, Svaroch Proiz, No 1, 1958, pp 12-14.

*TIL 5106

Sci - Phys
Apr 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welded Gear Wheel Designs, by V. I. Dzen'. UHCL

RUSSIAN, per, Svarochnoye Proiz, Jan 1958, pp 19-21.

British Iron and
Steel Ind 1377
(L3 15s.03.)

Sci - Engr
Sep 59

96, 031

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding With UONI-13 Electrodes on Alternating Current, With a Pulse Generator, by M. L. Fakel'man, et al.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 1, 1958, pp 27, 28.

Henry Brutcher 4454
$3.90

Sci - Engr

Apr 59

84,315

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

New Type Electrode, Shanghai-57-1, for Welding of Constructional Steels, by Weng-ling Wei.

RUSSIAN, per, Svarochnoye Proizvodstvo, No 1, 1958, pp 30,-31.

HB 4660

Sci - Engr

Nov 59

101, 232

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Incorporation of Aqueous Solutions of Potassium Dichromate Into Electrode Coatings, by N. A. Gorpenyuk, A. V. Pechatnov.

RUSSIAN, per, Svarochn Proiz, No 1, 1958, p 32.

HB 4699
/6\

Sci - Chem

Dec 59

104,354

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Quantitative Metallographic Determination of Alpha Phase in Austenitic Weld Metal, by A. D. Kuznetsova-Sadovnikova.

RUSSIAN, per, Svarochnoe Proizv, No 1, Jan 1958, pp 34-36.

Henry Brutcher 4294

$1.75

Sci - Min/Met

Cnt 58

74,939

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Dosage de la Phase-$\alpha$ Dans le Metal Austenitique D'un Cordon ≡ de Soudure Par la Methode Metallographique. (Determination of the $\alpha$ Phase in the Austenite M Metal of Welding Ring by the Metallographic Method), by A. D. Kuznetsova-Sadovnikova, 6 pp.

RUSSIAN, To FRENCH, per, Svarochnoe Proiz, No 1, 1953, pp 34-36.

Reverse trans
CEA tr R-710

Jan 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

New Capacitor Machines for Spot-Welding Thin Metal, by V. E. Moravskiy;

RUSSIAN, per, Svarochnoe Proiz, No 1, 1958, pp 40-42.

Jan 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

$CO_2$ Welding of Heat Stable Pearlite 20 KhMFL, by V. N. Suslov, S. I. Klepikov.

RUSSIAN to GERMAN, per, Svaroch Proiz, No 1, 1958, pp 65, 66.

ID-U 721

Institut fuer Dokumentation-
Uebersetsungnachweis
Berlin, W 8
Unter den Linden 8

Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Prokhorov, N. N. and Bochay, M. P.
MECHANICAL PROPERTIES OF ALUMINUM ALLOYS IN THE CRYSTALLIZATION TEMPERATURE RANGE DURING WELDING (Mekhanicheskiye Svoystva Alyuminiyevykh Splavov v Intervale Temperatur Kristallizatsii pri Svarke). Apr 61 [15]p. 5 refs.
RTS 1831.
Order from OTS or SLA $1.60 61-19940

Trans. of Svarochnoye Proizvodstvo (USSR) 1958, no. 2, p. 1-6.

DESCRIPTORS: *Aluminum alloys, Mechanical properties, *Crystallization, *Temperature, *Welding, Fracture (Mechanics), Manufacturing methods.

Tests showed that fracture in the brittleness temperature range causes deformations that are concentrated in zones adjacent to the fracture. If the alloy has been heated up to the two-phase temperature, its grains are
(Metallurgy, TT, v. 6, no. 9) (over)

61-19940

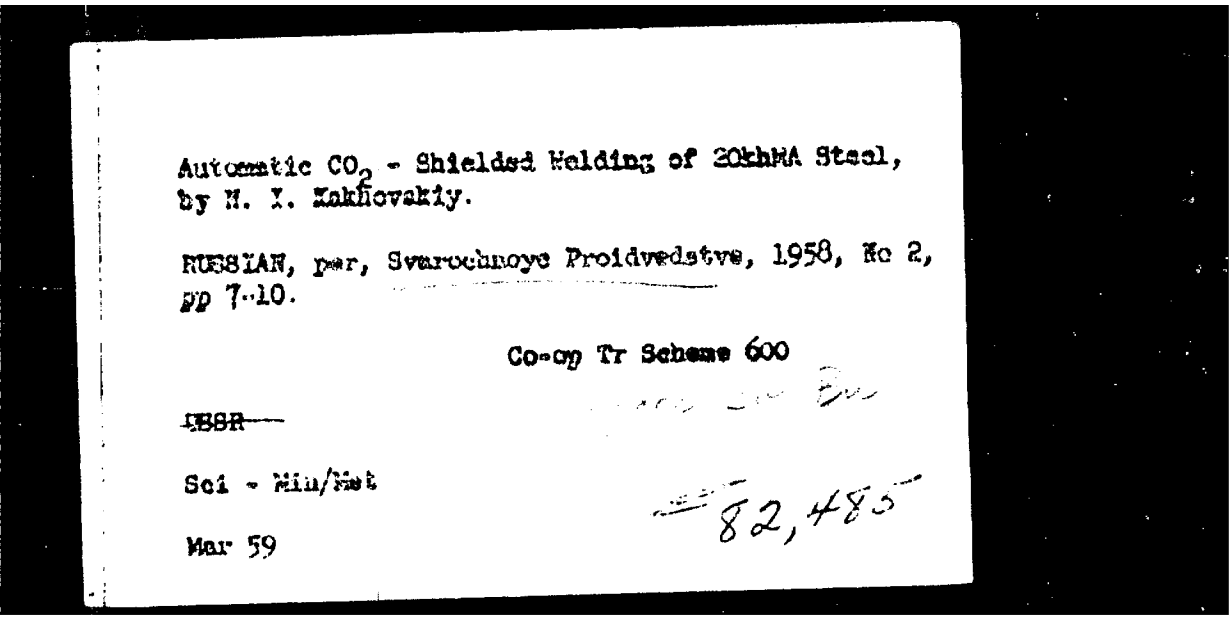
I. Prokhorov, N. N.
II. Bochay, M. P.
III. RTS-1831
IV. Department of Scientific and Industrial Research (Gt. Brit.)

185521

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Automatic $CO_2$ - Shielded Welding of 20KhNA Steel, by M. I. Makhovskiy.

RUSSIAN, per, Svarochnoye Proizvodstvo, 1958, No 2, pp 7-10.

Co-op Tr Scheme 600

~~USSR~~

Sci - Min/Met

Mar 59

82,485

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Orlov, B. D., Shavyrin, V. N., and Novosel'tsev, N. A.
THE STRENGTH OF SPOT WELDED JOINTS IN ALLOY D16AT (O Prochnosti Soedinenii iz Splava D16AT, Vypolnennykh Tochechnoi Svarkoi). Dec 61 [14]p. 4 refs. RTS 1983.
Order from OTS or SLA $1.60 62-13746

Trans. of Svarochnoe Proizvodstvo (USSR) 1958, no. 2, p. 14-18.

DESCRIPTORS: *Welded joints, *Spot welds, Mechanical properties, *Aluminum alloys, Aircraft industry, *Electric welding, Tests, Sheets, Fatigue (Mechanics), Riveted joints, Load distribution, Welding.

During static loading, the shear strength of welded D16AT joints is superior to the strength of analogous (Machinery--Manufacturing, TT, v. 7, no. 10) (over)

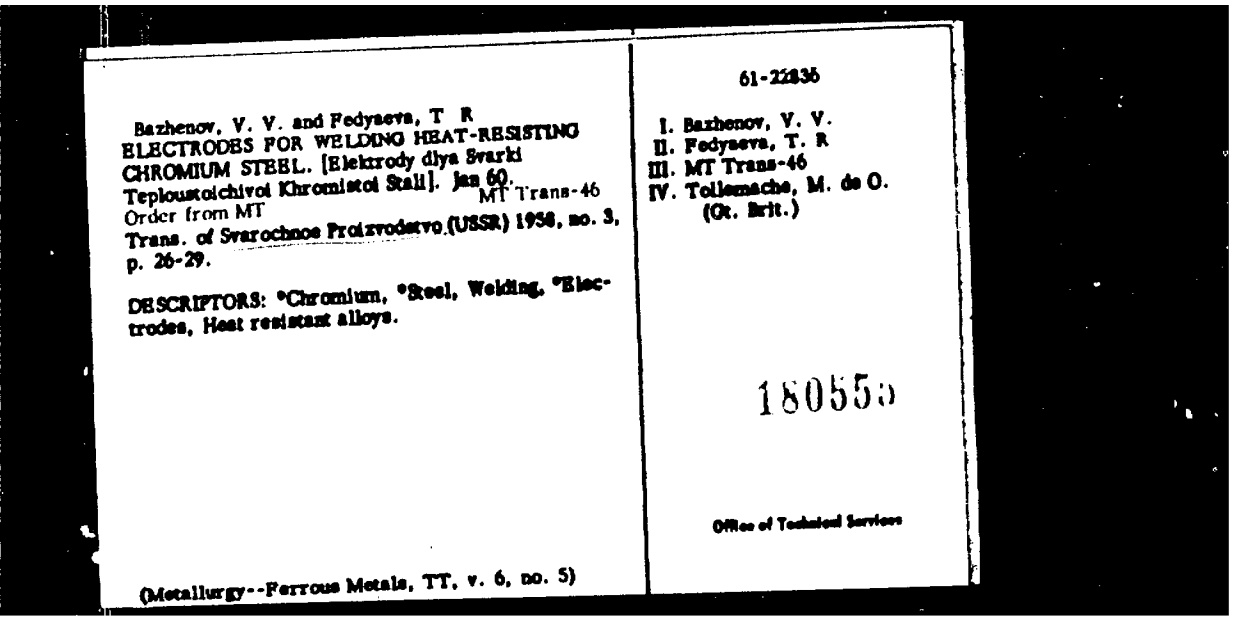
62-13746

1. Title: D16AT alloys
2. Title: Duralumin
I. Orlov, B. D.
II. Shavyrin, V. N.
III. Novosel'tsev, N. A.
IV. RTS-1983
V. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Bazhenov, V. V. and Fedyaeva, T R
ELECTRODES FOR WELDING HEAT-RESISTING CHROMIUM STEEL. [Elektrody dlya Svarki Teploustoichivoi Khromistoi Stali]. Jan 60.
Order from MT MT Trans-46
Trans. of Svarochnoe Proizvodstvo (USSR) 1958, no. 3, p. 26-29.

DESCRIPTORS: *Chromium, *Steel, Welding, *Electrodes, Heat resistant alloys.

(Metallurgy--Ferrous Metals, TT, v. 6, no. 5)

61-22835

I. Bazhenov, V. V.
II. Fedyaeva, T. R
III. MT Trans-46
IV. Tollemache, M. de O. (Gt. Brit.)

180553

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Effect of Certain Alloying Elements on the Properties of Weld Joints of Titanium and Its Alloys, by M. Kh. Shorshorov, 8 pp.

RUSSIAN, per, Svarochnoye Proiz, No 3, 1958, pp 30-33. 3026099

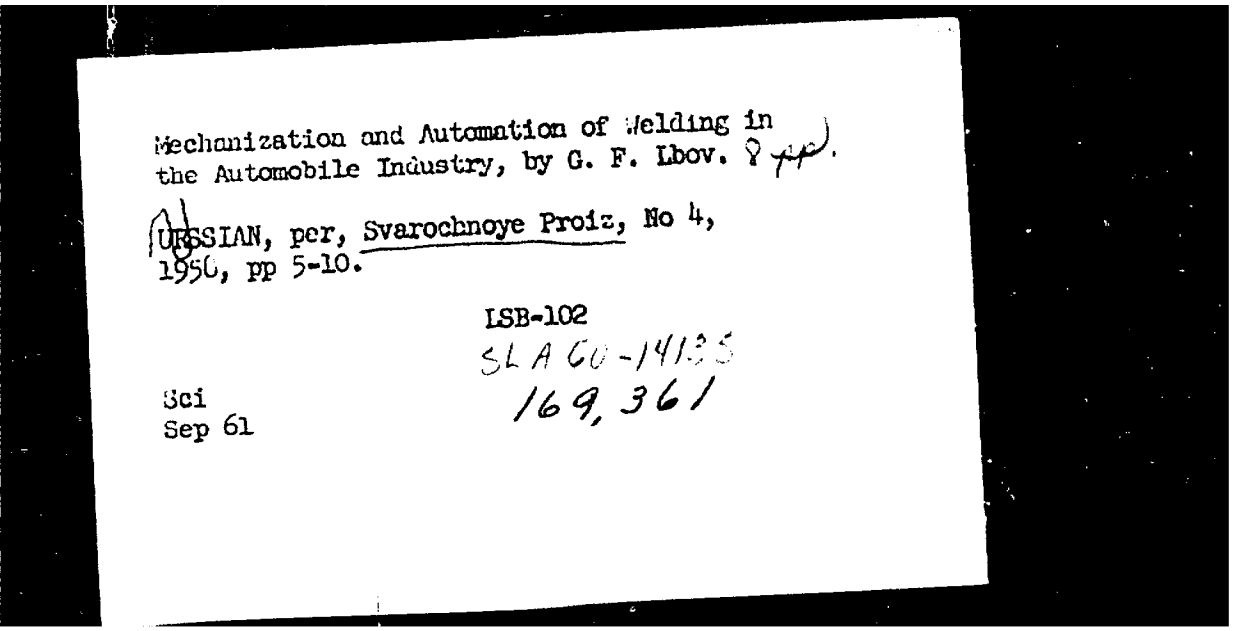
Sci

May 61

150,746

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Mechanization and Automation of Welding in the Automobile Industry, by G. F. Lbov. 8 pp.

RUSSIAN, per, Svarochnoye Proiz, No 4, 1956, pp 5-10.

LSB-102

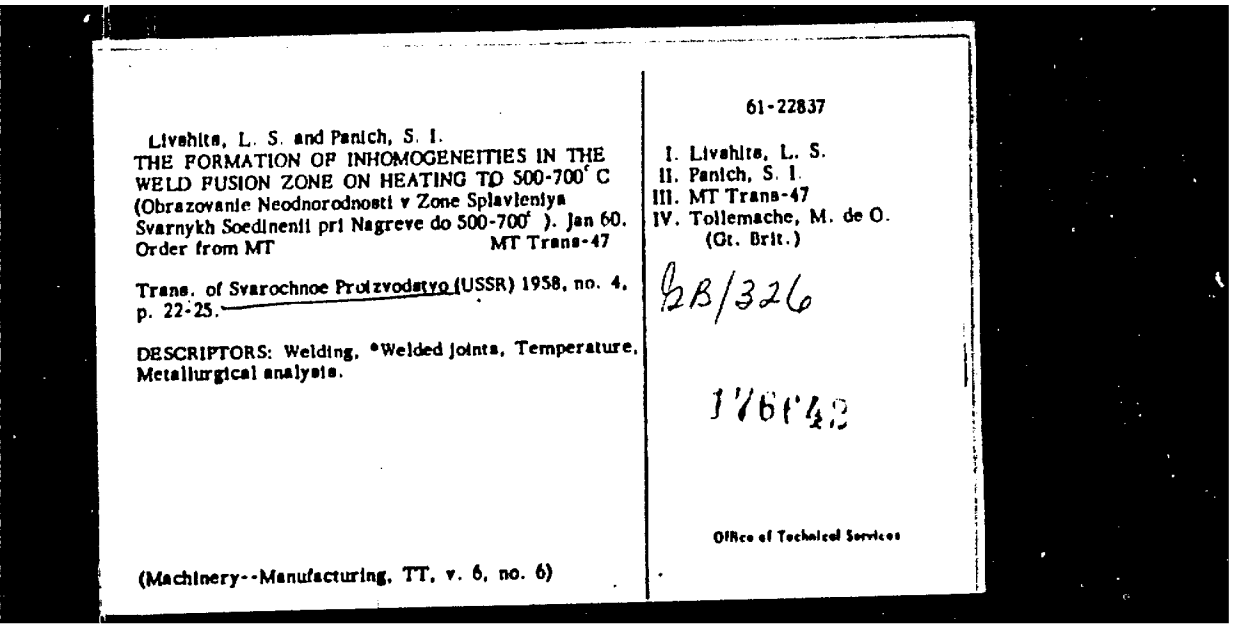
SLAC-14135

169,361

Sci
Sep 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Livshits, L. S. and Panich, S. I.
THE FORMATION OF INHOMOGENEITIES IN THE WELD FUSION ZONE ON HEATING TO 500-700° C (Obrazovanie Neodnorodnosti v Zone Splavleniya Svarnykh Soedinenii pri Nagreve do 500-700° ). Jan 60. Order from MT MT Trans-47

Trans. of Svarochnoe Proizvodstvo (USSR) 1958, no. 4, p. 22-25.

DESCRIPTORS: Welding, *Welded joints, Temperature, Metallurgical analysis.

(Machinery--Manufacturing, TT, v. 6, no. 6)

61-22837

I. Livshits, L. S.
II. Panich, S. I.
III. MT Trans-47
IV. Tollemache, M. de O. (Gt. Brit.)

GB/326

176142

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Effect of Vibrations on Solidification and Structure of Metal Deposited in Slag-Welding Process, by F. F. Benua, et al.

RUSSIAN, per, Svarochnoye Proiz, May 1958, pp 1-5.

*Henry Brutcher

Apr 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Underwater Arc Welding of Steel, by T. I. Avilov.

RUSSIAN, per, Svar Proiz, 1958, No 5, pp 12-14.

HB 5047

Sci - Engr
Oct 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Ultrasonic Inspection of Weldments at the Leningrad Metal Works, by S. N. Antonov.

RUSSIAN, per, Svarech Proiz, No 5, 1958, pp 34-46.

HB 5053

Sci - Engr

Jul 61

162,758

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

On the Mechanism of Brittle Fracture in Steel, by B. S. Kasatkin. UNCL

RUSSIAN, per, Svarochn Proiz, No 6, 1958, pp 26-28.

DSIR LIB NTS 1414

possibly *AEC
(12s. 6d.)

Sci - Min/Met

Mar 60

111,080

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Improvements in Arc Welding of Studs, by D. I. Vainboim,

RUSSIAN, per, Svarochnoe Proizvodstvo, No 6, 1958, pp 36-41.

ATS RJ-1750

Sci - Engr
Jul 59

ATS 32,230P

90,472

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Determining Suitable Conditions for Flame Case-Hardening.

RUSSIAN, per, Svaroch Proizvod, No 6, 1958, pp 41-49.

RTS/1482 (DSIR LLU)

167, 488

Sci - Engr

Sep 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Development of Electrode Wires for Welding Low Carbon and Low Alloy Steels in Carbon Dioxide Gas, by N. M. Novozhilov, A. M. Sokolova.

RUSSIAN, per, Svaroch Proiz, No 7, 1958, pp 10-14.

DSIR LLU RTS 1604

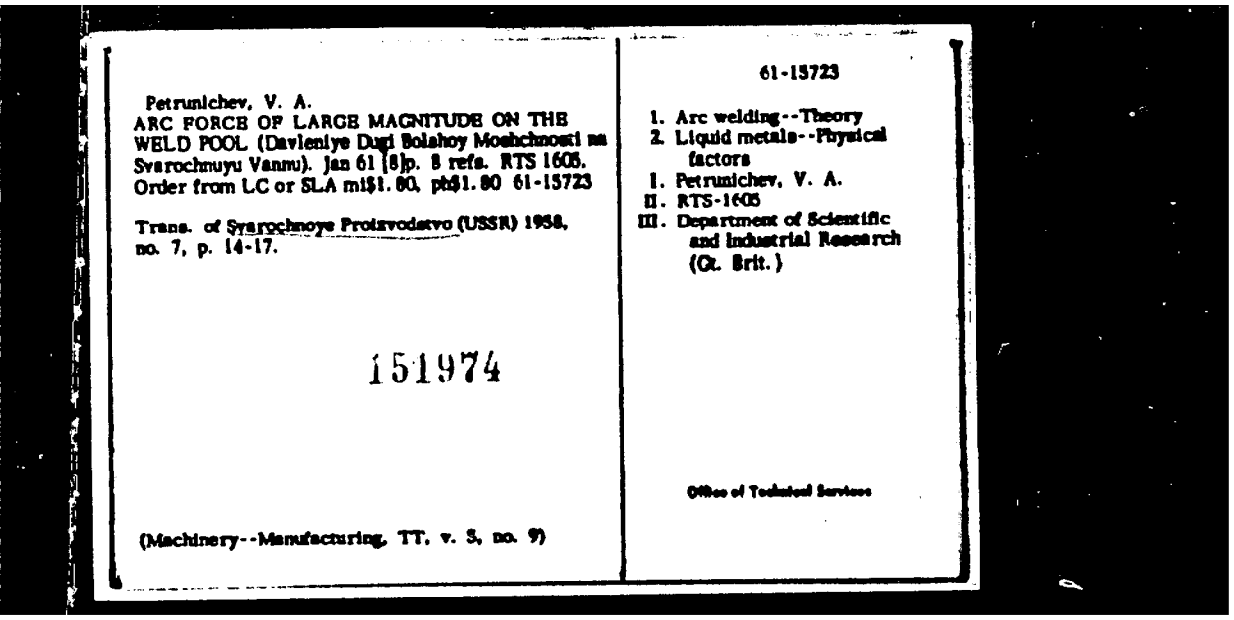
Sci - Engr

128,858

Oct 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Petrunichev, V. A.
ARC FORCE OF LARGE MAGNITUDE ON THE WELD POOL (Davleniye Dugi Bolshoy Moshchnosti na Svarochnuyu Vannu). Jan 61 [8]p. 8 refs. RTS 1605. Order from LC or SLA mi$1.80, pt$1.80 61-15723

Trans. of Svarochnoye Proizvodstvo (USSR) 1958, no. 7, p. 14-17.

151974

(Machinery--Manufacturing, TT. v. 5, no. 9)

61-15723

1. Arc welding--Theory
2. Liquid metals--Physical factors
I. Petrunichev, V. A.
II. RTS-1605
III. Department of Scientific and Industrial Research (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Bonding of Brass to Steel With a Gas Flame, by I. A. Benayezdnikov.

RUSSIAN, per, Svarochnoe Proiz, No 7, 1958, pp 35-38.

Henry Brutcher 4517
$4.90

8ci - Engr

May 59

86,637

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Mehtod of Estimating the Cold Crack Resistance of Steels after Welding, N. N. Prokhorov and E. L. Marakarov
RUSSIAN per, Svar. Proizv. Vol 9: 15-18
1958
CRL/D 708

Sci-mat
July 60 385 807

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Effect of Electrode Vibration on Arc Welding Process and on Weld Properties, by A. A. Alov, V. S. Vinogradov,

RUSSIAN, per, Svarochnoye Proizvodstvo, No 9, 1958, pp 19-22.

MD 4670

Sci - Engr

101, 233

Nov 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Ultrasonics in Soviet Welding Practice.

RUSSIAN, per, Svarochnoye Prizvodstvo, No 9, 1958, p 24.

OTIA 22

Sci - Engineering, Electronics, Minerals/Metals
Jun 59

90,067

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Effect of Boron on Weld Hot Cracking of Nickel-Chrome-Tungsten Austenitic Steels, by A. V. Russiyan, M. Shorshorov.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 10, 1958, pp 14-18.

HB 4813

Sci-Materials & Metallurgy
July 63

255,783

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

A New Arc-Spot Welding Method, by A. Ya. Brodskiy. UNCL

RUSSIAN, per, Svarochn Proiz, No 10, 1958, pp 18-21.

DSIR LLU RTS 1262

(10s. 0d.)

107,505

Sci - Engr
Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Precision Automatic Arc Welding With Non-Consumable Electrode in a Hydrogen Medium, by P. I. Kislyuk, et al. UNCL

RUSSIAN; per; Svarochnoye Proizvodstvo, No 10, 1958, pp 26-29.

DSIR LLU MTS 1199

(10s. 0d.)

109 774

Soi - Engr
Nov 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Automatic Welding and Cutting at the Saratov Heavy Machine Construction Works, by E. P. Anisimov. UNCL

RUSSIAN, per, Svaroch Proiz, No 10, 1958, pp 29-30.

DSIR LLU RTS 1274

(5s. Od.)

Sci - Engr
Nov 59

100,775

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding-Up of a Crack in a Medium-Carbon Steel Casting, by A. I. Peshchenko. UKOL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 30-.

DSIR LLL RTS 1198

(2s. 6d.)

Sci - Engg
Nov 59

109,778

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding Repairs to Large Motors on Rolling Mills, by N. S. Bazhanov. UNCL

RUSSIAN, per, Svarochn Proiz, No 10, 1958, pp 35-37.

DSIR LLL RTS 1205

(7s. 6d.)

Sci - Engr
Nov 59

100,776

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

A Procedure for Determining the Impact Strength and Cold-Shortness of Manual and Semi-Automatic Welds, by M. M. Kraychik, M. V. Pashkov. UNCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 7-10.

DSIR LLU RTS 1176

(7s. 6d.)

102,506

Sci - Engr
Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Effect of Low-Frequency Vibrations on Metal Crystallization in the Weld Pool and on the Properties of the Weld Metal, by V. L. Russo, P. N. Efimov. UNCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 10-12.

US 4913
DSIR LLL RTS 1200
(7a. 6d.) 107220
Sci - Engr
Feb 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Research Work on the Pressure Welding of Pipes,
by V. D. Taran. UMCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958,
pp 12-14.

DSIR LLU RTS 1263

(8 7s. 6d.)

102, 508

Sci - Engr
Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Influence of Double-Arc Welding Procedure on the Fusion of the Electrodes and the Base Metal, by U. M. Sherstyuk.

RUSSIAN, per, Svarochnoe Proizvodstvo, No 11, 1958, pp 15, 16.

CSIRO

118,576

Sci - Min/Metals

Jun 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Automatic Submerged-Arc Overhead Welding of Pipes, by A. S. Fal'kovich, et al. UNCL

RUSSIAN, par, Svarech Prois, No 11, 1958, pp 19-23.

DSIR LLU RTS 1197

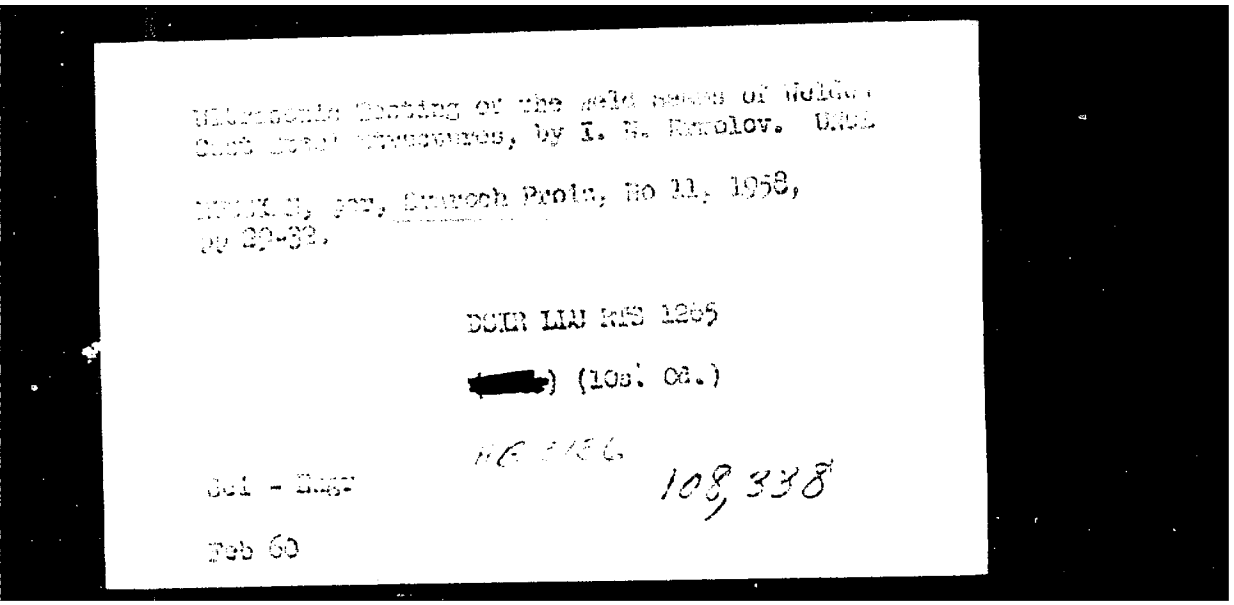
(10s. 0d.)

Sci • Engr
Nov 59

100,777

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3



Ultrasonic Testing of the weld seams of Welded Gas Lead Pipelines, by I. N. Ermolov. U.S.S.R.

[illegible], pp, Gazovoe Prom, No 11, 1958, pp 29-32.

DDIR LIN RUS 1265

[redacted] (10s. 0d.)

NG 1426.

108,338

Sol - Eng:

Feb 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Economy of Arcair Cutting, by I. S. Shapiro. UKCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958, pp 33-34.

DSIR LLU RTS 1273

(58. 08.)

102,507

Sci - Engr
Dec 59

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Equipment for Welding by Friction of a Lathe,
by M. I. Kunis, A. I. Korablev. UNCL

RUSSIAN, per, Svaroch Proiz, No 11, 1958,
pp 37, 38.

DSIR LLL MTS 1426

(5s.)

Sci - Engr
May 60

116,606

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Fatigue Strength of Butt-Jointed I-Beams, by R. Z. Manilova. UNCL

RUSSIAN, per, Svarochn Proiz, No 12, 1958, pp 9-13.

DSIR LLU RTS 1208

(10s.0)

Sci - Engr
Feb 60

107221

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

The Thermal Balances and Materials for Oxygen Cutting, by S. G. Guzov. UNCL

RUSSIAN, per, Svaroch Proiz, No 12, 1958, pp 13-17.

DSIR LIU RTS 1202

(10s. 0d.)

Sci - Engr
Nov 59

100,779

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Experimental Electroslag Welding of Type 1KH18N9T Steel, by A. G. Fomin. USCL

RUSSIAN, per, Svaroch Proiz, No 12, 1958, pp 21-23.

OTS 60-33670
DSIR LLU RTS 1201

(7s. 6d.)

Sci - Engr
Apr 60

113030

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

(NY-3120).

A. N. Shashkov (60th Birthday), 2 pp.

RUSSIAN, per, Svarochnoye Proiz, No 12, 1958, p 36.

JPRS-L-1102-N

Sci - Mdse
Jan 60

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Welding, by Yu. A. Maslov, 54 pp.

RUSSIAN, bk, Svarochnoe Proizvodstvo, 1959,
pp 1-53. 9670557

FTD-MCL-805/1

Sci - Engr

164,361

Aug 61

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3

Krupin, A. F.
PHYSICO-CHEMICAL PROCESSES AT SPRAY METALLIZATION (K Voprosu o Fiziko-Khimicheskikh Protsessakh pri Metallizatsii Raspyleniem). [1963] [17p] (foreign text included) 7refs
Order from OTS, SLA, or ETC $1.60 TT-64-14059

Trans. of #Svarochnoe Proizvodstvo (USSR) 1959, no. 5, p. 17-20.

(Metallurgy--Perrous Metals, TT, v. 11, no. 12)

TT-64-14059

I. Krupin, A. F.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 01, 2003 CIA-RDP91-00929R000100340065-3